

HEALTH  
A 42 JUL 1946  
O. B.

LIBRARY



RURAL DISTRICT OF  
NORTH WESTMORLAND.  
-----

ANNUAL REPORT

--- of the ---

MEDICAL OFFICER OF HEALTH.  
-----

FOR THE YEAR  
1945.  
-----



To the Chairman and Members of the  
Rural District Council of North Westmorland.

Sir, and Gentlemen,

I have the honour to submit to you my Annual Report on the Health of the Urban District during the year 1945. The Report follows the lines of those presented during the past few years.

I am indebted to the help I have received from the School Medical Officers of the County in the carrying out of Immunisation against Diphtheria and tend to them my thanks.

The work of the Sanitary Inspectors has been most efficient and though often entailing overtime, has been cheerfully carried out and I would thank them for their valuable help.

The Medical Profession has given me all the assistance required and so ensured harmonious working between the departments of Private and Public Medicine; for this I am most grateful.

As this will probably be the last occasion on which I shall make an Annual Report to you, I wish to acknowledge the unfailing help I have received from your Officials and for the constant courtesy given to me by your Council during the more than 31 years of my happy service.

Should you desire any further particulars I shall be glad to supply the same on your request.

I have the honour to be,  
Sir and Gentlemen,  
Your obedient servant,

(Signed) W. BARON COCKILL.

Medical Officer of Health.

1st July, 1946.

-----

Staff.

The following increase in the staff has been made during the year:-

Mr. I. Shepherd, A.R. San. I. appointed Temporary Additional Sanitary Inspector for the purpose of carrying out inspections under the Rural Housing Survey and commenced duties on the 1st February, 1945.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH  
FOR THE YEAR ENDING DECEMBER 31st, 1945.

Area. (acres) 288,987.

Registrar-General's estimate of resident population  
mid 1945. 15,930.

Extracts from Vital Statistics of the Year.

	Total.	M.	F.	
Live Births.	(Legitimate). 253	133	122	Birth Rate per 1,000 of the estimated resident population. 17.7.
	(Illegitimate). 28	17	11	
Birth Rate, England and Wales.				16.1.
Still Births.	9	6	3	Rate per 1,000 estimated resident population. 0.56.
Still Birth Rate, England and Wales.				0.46.
Deaths.	211	118	93	Death Rate per 1,000 of the estimated resident population. 13.2.
Death Rate, England and Wales.				11.4.

Deaths from Puerperal Causes :-

Puerperal Sepsis. Nil.  
Other Puerperal Causes. Nil.

Maternal Mortality Rate, England and Wales. 1,79.

Death Rate of Infants under 1 year of age :-

All Infants per 1,000 live births. 43.  
Legitimate infants per 1,000 legitimate live births. 39.  
Illegitimate infants per 1,000 illegitimate live births. 71.  
Infantile Death Rate, England and Wales. 46.

Deaths from Cancer. (all ages)	26.
" " Measles. (all ages)	Nil.
" " Whooping Cough. (all ages)	1.
" " Diarrhoea: (under 2 years of age)	Nil.

The largest number of deaths from any one Cause were :-

Heart Disease	69.
Intra-Cranial vascular lesions.	32.
Cancer.	26.



## SANITARY CIRCUMSTANCES OF THE AREA.

### Water.

No extensive alterations have been made to any of the public water supplies in the Eastern Area during the year.

As samples of water from all public supplies were submitted for analysis during the year 1944, and with the exception of minor defects which have since been remedied, were found to be satisfactory, no samples have been analysed during the year except a sample from Kirkby Stephen Supply which was found to be satisfactory.

A sample was also submitted for analysis from a spring near Howgill Castle, Milburn, with the object of using the water to augment the Kirkby Thore supply: the Analyst's report shows the water to be unsatisfactory and its possible use has been abandoned.

In accordance with the directions of the Council the following Water Supply Schemes have been prepared by the Council's Consulting Engineers:- Ravenstonedale, Kirkby Stephen, Wharton, Mallerstang, Brough and Longnorton. These schemes have been submitted to the County Council for consideration in accordance with the Ministry of Health Circular 119/44.

Continuous Chlorination of the Regional and Kirkby Stephen Water Supplies has been maintained during the year.

The supply to dwelling houses in the Eastern Area are as follows :-

1.	No. of Parishes provided with Public Piped Supply (Council Owned).	24.
2.	" " " (Privately Owned).	2.
3.	" of Parishes where no Public Piped Supply is provided.	3.
4.	Total No. of Parishes in Eastern Area.	29.
-----		
5.	No. of dwelling houses in (1) above supplied direct from Council's mains (mainly tap inside house, a very small number being supplied from stand taps).	1960.
6.	Estimated number of dwelling houses in (1) above with piped supplies otherwise than from Council's mains (mainly isolated houses with private supplies)	195.
7.	Estimated number of dwelling houses under (1) above without piped supplies (pump, streams etc.)	20.
8.	Total dwelling houses in (1) above.	2175.
-----		
9.	Estimated dwelling houses in (2) above with piped supplies direct from privately owned mains.	190.
10.	Estimated number of dwelling houses in (2) above with piped supplies from sources other than mains.	29.
11.	Estimated number of dwelling houses in (2) above which are supplied from other sources (pumps, streams etc.)	29.
12.	Total Number of houses in (2) above.	248.
-----		

13. Estimated number of houses in (3) overleaf which have piped private supplies. 79.
14. Estimated number of houses in (3) overleaf which are supplied from sources, (pumps, streams, etc.) 85.
15. Total number of houses in (3) overleaf. 164.

#### Summary.

16. Estimated number of dwelling houses with piped supplies (public and private) 2453.
17. Estimated number of houses without piped supplies. 134.

In the Western Division the Regional Scheme serves 16 parishes and here connections continue to be made and the consumption is upwards of 2,000,000 gallons weekly, or 280,000 average daily flow. Whilst this works out for the population served at considerably over 50 gallons per head per day, the greater part is used in connection with cowsheds and milk production which has been steadily increasing beyond what might be anticipated a few years before the War.

For increased storage an application has been made to the Ministry for sanction to a loan to construct reservoirs at Hackthorpe and Newby and a smaller one for Maulds Meaburn.

No extensions have been made other than a length of loop main of about 200 yards to connect a dead end branch in Maulds Meaburn with the main which goes forward to Kings Meaburn.

Military requirements for water have lessened but two camps in Brougham parish can make a considerable draw off, being situated at the lowest part of the Area.

Supplies have continued to be normal and no shortage has been experienced from dry weather.

The Orton Scheme has given some trouble in the sufficiency for Orton Village and higher points beyond. This appears to be due to the proportionately heavy draw-off between the head-works and the reservoir: the extension of the intake to a point higher up the course of the stream which yields the supply is under consideration.

The quality of the Regional Scheme supply has been good, and the addition of lime and chalk bi-weekly to raise the pH value has been maintained.

Number of dwelling houses supplied from public water mains :-

By house tap	1788.
" stand-pipe	47.

Number of population supplied :-

By house tap	6840.
" stand-pipe	175.

#### Housing.

##### Eastern Area.

The estimated total number of inhabited houses is 2587. No new houses have been erected during the year.

##### Rural Housing Survey, Ministry of Health Circular 64/44.

Work in connection with this Survey has been in progress since the beginning of the year.



The Rural Housing Joint County Committee decided that all Dwelling-houses (other than Farm Houses) with a gross value not exceeding £22 shall be included in the Survey. The following shows the position at the end of the year :-

- |   |       |
|---|-------|
| 1. No. of houses to be included in the Survey.<br>(Whole District).   | 3098. |
| 2. No. of houses inspected in detail at the end<br>of the year. (Whole District).   | 1219. |
| 3. Approximate No. of houses found to be in<br>Categories 1 or 2 and not to be inspected in<br>detail at present. (Whole District). | 710.  |
| 4. Approximate No. of houses still to be inspected<br>in detail. (Whole District).  | 1098. |

Classification of the houses inspected has been carried out in accordance with the Schedule in the Appendix to Circular 64/44 by the Sanitary Inspectors but these have not yet been confirmed by the Council.

#### Post War Planning.

In the Eastern Area the Council has decided as a first step to build new houses at Kirkby Stephen and Brough and an estimate of the number of houses required in each place has been arrived at from the information obtained under the Rural Housing Survey which has been completed in both these Parishes.

In the case of Kirkby Stephen the approximate number of new houses estimated to be required is 74, and in the case of Brough the number is 54.

The erection of all these houses will form part of a long term programme. For the first year the Council has decided to proceed with the erection of 6 houses at each of the above places.

Sites have been selected at Kirkby Stephen and Brough of sufficient area to accommodate all the houses to be included in the long term programme and lay-out plans have been prepared by an Architect employed by the Council. The Council has carefully considered and approved these lay-out plans but owing to delay in obtaining the approval of the various Government Departments the commencement of building operations will be delayed for several months.

In the Western Area no further houses have been erected since the 8 Agricultural Workers' houses and one private house were completed last year.

Plans have been approved for the restoration of three cottages which have been closed as unfit.

#### Post War Planning.

At Shap land has been acquired and lay-out plans approved for 55 houses; the Council has provisionally decided to construct 20 there. The site has an area of 5.7 acres lying between the main road and the railway and adjoins the housing sites developed before the War.

Tebay and Clifton are other parishes which have applied for the provision of more houses.

These and other villages will have their requirements considered more comprehensively in the light of the records being made under the Housing Survey which is proceeding. The parishes of Tebay, Shap and Orton have been inspected and Bolton and Morland will be taken next.

The difficulties in getting repairs carried out have applied generally to all housing repairs. Some Informal Notices have been issued; also two Statutory Notices. The latter have been partly met and further work will be done as soon as more labour and materials are available.

The issue of Building Licences has called for considerable time and attention. Up to the end of the year some 39 have been granted since Local Authorities were empowered to issue them, and 11 Certificates of Essentiality forwarded to the Ministry of Works - Housing Circular No.2871.

### Drainage and Sewerage.

#### Eastern Area.

Nateby. The question of extending the public sewer to the upper part of the village to serve the school and approximately 12 houses, has been recommended by the Council and a scheme and estimate of the cost has been submitted to the Ministry of Health.

Post War Schemes. In connection with the Council's post-war programme the following Sewerage Schemes have been prepared by the Consulting Engineers and approved by the Council :-

<u>Villages to be Served.</u>	<u>Type of Scheme.</u>
Ravenstonedale and Coldbeck.	New Sewers and Disposal Works.
Hartley.	New sewers to connect to Kirkby Stephen works.
Soulby.	New Sewers and Disposal Works.
Brough.	New Disposal Works and extension of sewers.
Temple Sowerby.	New Disposal Works and Sewers.
Asby.	New Sewers and Disposal Works.

These Schemes have been submitted to the County Council for consideration in accordance with Ministry of Health Circular 119/44 and have been approved for grants by the County Council.

#### Western Area.

The position regarding sewerage schemes has not yet improved and no alterations of any moment have been carried out.

Under the Ministry of Health Circular 119/44 the Council had their Consulting Engineers making preliminary surveys, levelling and estimating for the schemes needed in various villages.

The five years' programme included schemes at Shap, Tebay, Sockbridge and Tirril, Clifton, Crosby Ravensworth and Maulds Meaburn, Great Strickland, Bolton, Askham, Little Strickland and Morland.

In view of the difficulties and increasing urgency for proper sewerage and disposal in the larger villages, Shap and Tebay are scheduled for attention in the first year.

The above schemes have been put forward to the County Council for their approval and Ministry sanction.

#### Closest Accommodation.

In those villages where efficient sewers are available there is a high percentage of water-closets in use.



## Public Cleansing.

### Eastern Area.

Due to lessening of salvage work it has again been found possible to extend public scavenging by the use of the Council's modern motor scavenging vehicle and men directly employed by the Council, to the following villages :-

Knock, Longmarton, Brampton, Murton, Hilton, Colby, Burrells, Hoff, Ormside and Musgrave.

Every village in the eastern area of the district now receives public scavenging services. In 26 of these villages the work is carried out directly by the Council's vehicle and workmen and in the case of 4 villages the work is carried out by Contractors employed by the Council.

In Kirkby Stephen collections are made weekly and in most of the other villages the collections are carried out every fortnight. There are however a few of the smaller villages where collections are necessarily limited to once per month and these will be increased as and when there is a further falling off in the salvage work.

### Western Area.

No Contractors are employed now since the motor refuse collection vehicle has been working in the Area. Weekly collections are made to clear ashbins at Shap, Tebay and Orton.

## Sanitary Inspection of the Area.

3325 visits of inspection were made in connection with Council's Work and Properties, Dairies and Cowsheds, Drainage, Refuse Removal, Factories and Workshops, Houses and Infectious Diseases and 158 Informal Notices were served and 121 complied with also one Statutory Notice which has not yet been complied with.

### Verminous Premises or Persons.

No complaints of infestation with Bed Bugs or other body vermins have been received and no verminous premises have been encountered during the Housing Survey which has been in progress during the year.

## INSPECTION AND SUPERVISION OF FOOD.

### Milk and Dairies.

Inspections of Dairies and Cowsheds have been continued as much as possible having regard to the increased demands of housing works.

Structural improvement of dairies and cowsheds is needed on many farms but due to the limited supply of building materials and labour and high building costs many such needed improvement schemes have been postponed.

A few premises have however been improved structurally and advice on the design and arrangement of the buildings in these cases has been given.

It has been found that there has been an increasing desire on the part of farmers to become producers of Tuberculin Tested Milk and in many cases it is considered that the unsatisfactory state of the buildings is the only reason why a Tuberculin Tested Milk Licence is withheld.

Samples of milk have been taken at the request of the County Medical Officer of Health, from producers supplying milk to Schools in the District.

The following is the result of the laboratory examination of the samples :-

Total number of samples taken,	45.
No. of samples which passed both Methylene Blue and B. Coli tests,	23.
" " " " " Methylene Blue only,	8.
" " " " " B. Coli test only,	4.
" " " " " failed both tests,	10.

Of 34 samples examined for the presence of Tubercle Bacilli none were found.

#### Meat and Other Foods.

The whole of the meat supply in the Area is distributed from either the Ministry of Food Regional Slaughter-house, Kirkby Stephen or from the Public Abattoir at Penrith. This centralization of slaughtering greatly facilitates the inspection of meat and it can be again stated that a 100% inspection of all meat distributed from the Kirkby Stephen Slaughter-house has been continued throughout the year.

#### Food other than Home Killed Meat.

Retail shops and other premises where food is prepared or dealt with, have been inspected as frequently as time and staff have permitted.

Generally the conditions found in such premises are satisfactory.

The following food has been condemned during the year due to decomposition :-

Canned Meats.	79 $\frac{1}{4}$ lbs.
" Fish.	46 "
" Fruit and Vegetables.	2 "
Dried Fruit.	50 "
Imported Butter.	522 "
Wet Fish,	336 "

#### Other Canned or Packed Foods :-

Condensed Milk.	1 tin.
Sponge Mixture.	6 pkts.

#### Adulteration, etc. and Chemical and Bacteriological Examination of Food.

The County Council is the Food and Drugs Authority and this work is carried out by Mr. C.J.H. Stock, B.Sc., F.I.C., County Analyst, Darlington.



Carcases Inspected and Condemedned.  
-----

	Cattle excluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number Killed.	223	251	369	4268	6
Number Inspected.	223	251	369	4268	6
All diseases except Tuberculosis.					
Whole carcasses condemned.	6	20	15	14	1
Carcases of which some part or organ was condemned.	111	121	13	359	1
Percentage of number inspected affected with disease other than Tuberculosis.	52.46	56.17	7.59	8.41	33.33.
Tuberculosis only.					
Whole carcasses condemned.	4	15	-	-	-
Carcases of which some part or organ was condemned.	24	84	-	-	-
Percentage of number inspected affected with Tuberculosis.	12.55	39.44	-	-	-



### Hostels.

The only Hostels in use at the end of the year were a house at Temple Sowerby which is used as a Hostel for members of the Women's Land Army and the Agricultural Workers Hostel at Cliburn and Hazel Bank Hostel for Mothers and children.

### Evacuees.

There has been a considerable exodus of evacuees from the District since the end of hostilities.

At the end of the year the only official evacuees left in the District were 3 Mothers and 9 Children at Hazel Bank Hostel, Yanwath, and 3 adults and 3 children at Shap, a total of 6 adults and 12 children.

### PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

The incidence of Infectious Disease with the exception of Measles and Whooping Cough has been slight, there were 12 cases of Scarlet Fever, four of which occurred in adults, 12 of Pneumonia, two of which died, 4 of Erysipelas, 3 of Puerperal Pyrexia and one each Undulant Fever, Cerebro-Spinal Fever and Ophthalmia Neonatorum. There were no cases of Diphtheria. There were small outbreaks of Dysentery at Martindale, Eamont Bridge and Great Strickland, eight cases in all.

Throughout the year there were epidemics of Measles and Whooping Cough, 249 cases of the former and 100 of the latter.

Artificial immunisation against Diphtheria has been continued throughout the year and 253 pre-school and 483 school children have completed the treatment.

Modern Isolation Hospital accommodation is still lacking.

The School Medical Officers state that a high standard of Health, Nutrition and Cleanliness has been maintained throughout the year amongst the school children.

INFECTIOUS DISEASES TABLE.

DISEASE.	Total.	Ages.											Ad mitted to Hospital.	Deaths.	
		-1	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-			65-
Scarlet Fever	12	-	-	-	-	1	6	1	1	3	-	-	-	12	-
Pneumonia	12	1	-	1	1	-	1	-	-	2	-	4	2	1	2
Erysipelas	4	-	-	-	-	-	-	-	-	2	-	-	2	-	-
Dysentery	8	-	-	1	-	1	-	3	1	1	1	-	-	-	-
Undulant Fever	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Cerebro-Spinal Fever.	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-
Puerperal Pyrexia	3	-	-	-	-	-	-	-	-	2	1	-	-	1	-
Ophthalmia Neonatorum	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	249	4	19	25	24	17	106	29	9	11	2	3	-	-	-
Whooping Cough	100	4	11	22	11	8	40	4	-	-	-	-	-	-	1
Total	391	10	31	49	36	27	153	37	11	22	4	7	4	15	3

TUBERCULOSIS TABLE.

Age Periods.	New Cases				Deaths			
	Resp- iratory.		Non Resp- iratory.		Resp- iratory.		Non Resp- iratory.	
	M	F	M	F	M	F	M	F
0.	-	-	-	-	-	-	-	-
1.	-	-	-	1	-	-	-	1
5.	-	-	1	2	-	-	-	-
15.	1	4	1	-	-	-	-	1
25.	1	1	-	1	-	-	-	-
35.	-	-	-	-	-	-	-	-
45.	-	1	-	-	-	1	-	-
55.	-	-	-	-	-	-	-	-
65.	-	-	-	-	-	-	-	-
Total.	2	6	2	4	-	1	-	2

There were eight notifications of Pulmonary disease and six of Non-Pulmonary; of these four Pulmonary cases had contracted the disease outside the Area but came to reside within it. Of Non-Pulmonary cases there were five of glands and one of Knee. Two of these Pulmonary and one of Non-Pulmonary died during the year.





